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INDICATION FORM**

Application Number	10/729,130
Filing Date	December 5, 2003
First Named Inventor	David Trevas
Title	Rotary Impact Well Drilling System and Method
Art Unit	3672
Examiner Name	unknown
Attorney Docket Number	27735.39

I hereby appoint:

Practitioners associated with the Customer
Number:

000027683

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Practitioner(s) named below:

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I am the:



Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>William E. Shull</i>	Date	August 30, 2004
Name	William E. Shull	Telephone	713 839 4501
Title and Company	Vice President & Chief Patent Counsel, Halliburton Energy Services, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Halliburton Energy Services, Inc.Application No./Patent No.: 10/729,130 Filed/Issue Date: December 5, 2003Entitled: ROTARY IMPACT WELL DRILLING SYSTEM AND METHODHALLIBURTON ENERGY SERVICES, INC., a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014827, Frame 0218, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

August 30, 2004

Date

(713) 839-4501

Telephone number

William E. Shull

Typed or printed name

William E. Shull

Signature

Vice President & Chief Patent Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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RECORDATION DATE: 07/08/2004

REEL/FRAME: 014827/0218

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TREVAS, DAVID

DOC DATE: 06/30/2004

ASSIGNEE:

HALLIBURTON ENERGY SERVICES, INC.
2601 BELTLINE ROAD
CARROLLTON, TEXAS 75006

SERIAL NUMBER: 10729130

FILING DATE: 12/05/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: ROTARY IMPACT WELL DRILLING SYSTEM AND METHOD

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TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

07/08/2004
500002221

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David Trevas	06/30/2004
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	2601 Beltline Road
City:	Carrollton
State/Country:	TEXAS
Postal Code:	75006
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10729130
CORRESPONDENCE DATA	
Fax Number:	(214)200-0853
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	214-651-5634
Email:	ipdocketing@haynesboone.com
Correspondent Name:	Warren B. Kice
Address Line 1:	Haynes and Boone, LLP
Address Line 2:	901 Main Street, Suite 3100
Address Line 4:	Dallas, TEXAS 75202
NAME OF SUBMITTER:	Warren B. Kice
Total Attachments: 2 source=2773539Assignment#page1.tif source=2773539Assignment#page2.tif	

CH \$40.00 10729130

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Patent / Docket No. 27735.39
Customer No. 000027683

ASSIGNMENT

WHEREAS, I,

(1) DAVID TREVAS

of 10818 Burdine Street
Houston, Texas 77096-5044 USA

has invented certain improvements in

ROTARY IMPACT WELL DRILLING SYSTEM AND METHOD

for which I have executed an application for Letters Patent of the United States of America, filed December 5, 2003, serial No. 10/729,130 ; and

WHEREAS, **HALLIBURTON ENERGY SERVICES, INC.** (Assignee), a corporation organized and existing under the laws of the State of Texas, having its principal office and place of business at 2601 Beltline Road, Carrollton, Texas 75006, is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **HALLIBURTON ENERGY SERVICES, INC.**, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and I hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said **HALLIBURTON ENERGY SERVICES, INC.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

COPY

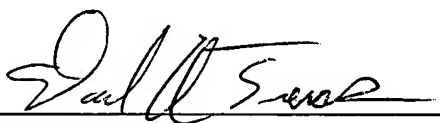
Patent / Docket No. 27735.39
Customer No. 000027683

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

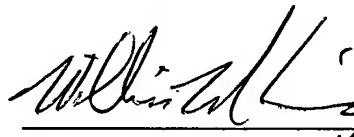
AND I HEREBY further covenant and agree that I will communicate to said **HALLIBURTON ENERGY SERVICES, INC.**, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said **HALLIBURTON ENERGY SERVICES, INC.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: David Trevas
Residence Address: 10818 Burdine Street
Houston, Texas USA

Dated: 6/30/2004


Inventor Signature

Dated: JUNE 30, 2004


Witness Signature
Witness Name: WILLIAM W. KING

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